

Amendments to the Claims

1. A self-locking shaft (1), comprising:
 - a shaft portion (10);
 - a head portion (20) for mounting of the shaft (1) at a support (50); wherein the head portion (20) comprises a resilient clip (30), which latches with the support (50) during a rotational mounting motion of the shaft (1) with respect to the support (50), wherein

the clip (30) is provided as a resilient strap, which extends from a portion (22) of the head portion (20), and wherein

the clip (30) is connected to said portion (22) at one side of the clip (30) only,
~~characterized in that~~ wherein said portion (22) of the head portion (20) is a cup-shaped portion (22) having a cylindrical surface, which is coaxially aligned with the shaft portion (10),
said cup-shaped portion (22) comprises at least two clips (30),
said resilient clips radially extend to the outside in a tangentially fashion with respect to the cylindrical surface of the cup-shaped portion (22), and
the clips are connected to the cup-shaped portion (22) at a connection line, which is axially oriented with respect to the shaft (1).
2. Self-locking shaft according to claim 1, wherein the clips (30) comprise a rectangular shape and an axially curved radial top surface.
3. Self-locking shaft according to ~~one of the claims 1 or 2~~, wherein the shaft (1) comprises a pin (40), which is connected to the head portion (20) in axial direction and which secures the shaft (1) after the assembly from undesired rotation.

4. Self-locking shaft according to ~~one of the~~ claims 1-3, wherein the shaft (1) comprises a handle area (23) at the head portion (20) for manual assembly of the shaft (1) in the support (50) without tools.

5. Self-locking shaft according to ~~one of the~~ claims 1-4, wherein the shaft (1) and all its components (10, 20, 30, 40) are integrally injection molded from a plastic material.

6. A structure (1, 50) comprising a support (50) fixedly latched with a self-locking shaft (1) according to ~~one of the previous~~ claims 1, the structure comprising:

an essentially cylindrically socket (60), which is integrated within the support (50); and

at least one latching window (64) for receiving one of said clips (30) during the latching of the shaft (1) with the support (50) by a rotation; wherein

the latching window (64) is radially introduced into the cylindrical wall of the socket (60).

7. Support according to claim 6, further comprising a pin guidance (70), which is provided as a curved elongated hole.

8. Support according to ~~one of the~~ claims 6 or 7, wherein the socket (60) further comprises at least one axially curved recess (63) for receiving a clip (30) during the insertion of the shaft (1) into the support (50).

9. Pedal system, particularly for automotive engineering, comprising a structure (1, 50) according to ~~one of the previous~~ claims 6 to 8.

10. Parking brake lever system, particularly for automotive engineering, comprising a structure (1, 50) according to ~~one of the previous~~ claims 6 to 8.

11. Method for the assembly of a structure (1, 50) according to ~~one of the previous~~ claims 6 to 8, comprising the following steps in the following sequence:

inserting the shaft (1) in axial direction (A) into a corresponding socket (60) within the support (50);

rotating the shaft (1) around its rotational axis, until clips (30), which extend radially from the shaft (1), snap into the latching window (64) within the socket (60).

12. Method according to claim 11, wherein the rotation of the shaft (1) is performed around an angle of less or equal 180°.

13. Method according to claim 11, wherein the rotation of the shaft (1) is performed around an angle of less or equal 90°.